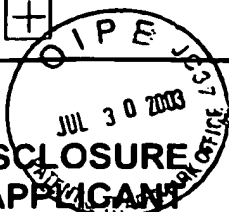


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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known		
				Application Number	09/623,303	
Sheet		1	of	1	Attorney Docket Number	206441
					Examiner Name	Unassigned
					Filing Date	December 14, 2000
					First Named Inventor	O'Neill
					Group Art Unit	2682

U.S. PATENT DOCUMENTS						
Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
A	AA	5,349,362		Forbes et al.	Sep. 20, 1994	Jun. 19, 1992
	AB	5,625,369		Newman	Apr. 29, 1997	Feb. 28, 1994
	AC	5,375,353		Hulse	Dec. 27, 1994	Jun. 10, 1993
	AD	5,641,141		Goodwin	Jun. 24, 1997	Jun. 6, 1995
	AE	5,657,008		Bantli	Aug. 12, 1997	Sep. 27, 1996

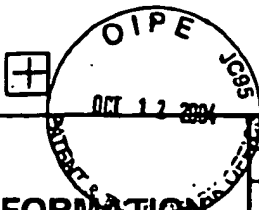
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
A	AF	WO	98/10529		Zipoli	Mar. 12, 1998	X	
	AG	EP	0710999		Negishi	May 8, 1996	X	
	AH	UK	2289827		Fernandes	Nov. 29, 1995	X	
	AI	UK	2219891		Nicholson	Dec. 20, 1989	X	
	AJ	WO	98/13945		Eul et al	Apr. 2, 1998		+
	AK	JP	06053894A		Yasumitsu (Patent Abstracts of Japan, Vol. 18, No. 280 (E-1555) only	Feb. 25, 1994		+
	AL	JP	04238424A		Tokio (Patent Abstracts of Japan, Vol. 17, No. 6 E-1302) only	Aug. 26, 1992		+

OTHER - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number, publisher, city and/or country where published.		
		Translation		
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		Technology Center 2600		

Examiner Signature		Date Considered	8/27/03
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- * A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
- + An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	09/623,303
Filing Date	December 14, 2000
First Named Inventor	O'Neill
Group Art Unit	2682
Examiner Name	Tran, Pablo N.
Attorney Docket Number	206441

Sheet	1	of	2
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U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
		Application or Patent Number	Kind Code			
NZ	AM	5,926,145		Honma	Jul. 20, 1999	Jul. 22, 1997
NZ	AN	5,673,886		Negishi	Oct. 7, 1997	Aug. 30, 1996

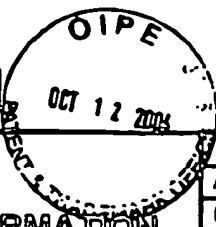
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Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
NZ	AO	JP	4223724		Tsuneichi	Aug. 13, 1992	X	+
	AP	JP	10041873		Honma	Feb. 13, 1998		+
	AQ	EP	0 875 956		Negishi	Nov. 4, 1998		
	AR	EP	0 688 040		Hori et al.	Jun. 9, 1995		
	AS	WO	96/11352		Goodwin	Apr. 18, 1996		

OTHER - NON PATENT LITERATURE DOCUMENTS

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			Yes	No**
NZ	AT	Irish oppose orange progression, Digital Cellular Report, December 18, 1997, vol. 3, no. 25, Phillips Business Information, Inc.		
	AU	P. CONSTANTINO, Mobile Communication, Channel Modelling, British Telecommunications Engineering Journal, August 1990, pages 84-5, vol. 19, Unwin Brothers Limited, Great Britain.		
	AV	B. GUDMUNDSON et al., Handoff in Microcellular Based Personal Telephone Systems, Third Generation Wireless Information Networks, 1992, pages 187-203, Kluwer Academic Publishers.		
	AW	K. FUJIMORI et al, Polarization Characteristics Under Street Microcells Including Radiation Pattern of Base Station, IEE Colloquium on Customer Access the Last 1.6 km, June 1, 1993, pages 376-7, Institution of Electrical Engineers London, England		
	AX	H.M. FOSTER et al., High Speed Data Transmissions From Pole to Buildings, Virginia Tech's Third Symposium on Wireless Personal Communications, June 9-11, 1993, pages 9/1-6.		
	AY	D.C. SMITH, Mobility for the masses; personal communication services, Telephony, August 2, 1993, vol. 225, no. 5, page 28, Information Access Company and Intertec Publishing Company.		
	AZ	F.K. GORYANCE, The Changing Landscape of Cell Sites, Cellular Business, May 1994, vol. 11, no. 5, pages 20-28, Intertec Publishing Corp., Overland Park KA.		
	BA	M. WANG et al., Projecting the Growth of Cellular Communications, Communications of the ACM, October 1995, vol. 38, no. 10, page 119, Information Access Company and Association for Computing Machinery, Inc.		
	BB	B. SUSNJARA, Lake Forest Eyes Future of Telecommunications, News Sun, April 9, 1996, page A1, UMI Inc., Waukegan, Illinois.		
	BC	Samsung Designs Pico Base Station For Cheap Deployment, Radio Communications Report, January 19, 1998, page 3, Crain Communications, Inc.		

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	09/623,303
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Group Art Unit	2682
Examiner Name	Tran, Pablo N.
Attorney Docket Number	206441

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			Yes	No**
AD	BD	S. MAREK, More than meets the eye; designs of cellular radio transmission sites, Cellular Marketing, June 1993, vol. 8, no. 6, page 32, Information Access Company and Cardiff Publishing Company.		
	BE	Good Communication Would Benefit Cellular Site Debate; Compromises Between Open Space, Technical Needs is Key, Los Angeles Times, Metro, part B, page 19, Times Mirror Company, Ventura County, California.		
	BF	J. MEYERS, Tales of the City, Telephony, Wireless Networks, July 7, 1997, Primedia Business Magazines and Media, Inc.		
	BG	I. SYMINGTON, A Race for Freedom, Communications International, October 1990, vol. 17, no. 10, pages 49-51, Periodical Publishers Association, International Thompson Publishing, Ltd., England.		
	BH	V. ERCEG, Microcell Size and Architecture Analysis From the Propagation and Capacity Points of View, IEEE 44th Vehicular Technology Conference, June 8-10, 1994, vol. 1, pages 215-219, Stockholm, Sweden.		
	BI	R. HALL et al., Modeling and Design of Circularly-Polarized Cylindrical Wraparound Microstrip Antennas, IEEE Antennas and Propagation Society International Symposium Digest, July 21-26, 1996, pages 672-5, Vol. 1, Baltimore, MD.		
	BJ	R. DESLOGE, Zoning issues: The latest cross to bear for wireless firms, St Louis Business Journal, April 28, 1997, vol. 17, no. 33, page 10B, UMI, Inc., St. Louis, Missouri.		
	BK	Transmitters Installed, Waikato Times (Hamilton), October 3, 1997, page 3, Independent Publishers Ltd.		
	BL	P. MATTHIAS, Micro cell sites proposed, The Press (Christchurch), December 3, 1997, page 4, The Christchurch Press Company Limited.		
	BM	J.E. GUYETTE, Wireless modems landing at airports, Automatic ID News, August 1997, page 40, Adavanstar Communications Inc., and Information Access Company.		
	BN	E.V. MOONEY, Success in Seattle leads Metricom System to DC, RCR Radio Communications Report, September 9, 1996, vol. 15, no. 36, page 19, Responsive Database Services, Inc. and Crane Communications, Inc.		
	BO	R. LEYSHON, Millimeter Technology Gets a New Lease on Life, Microwave Journal, March 1992, vol. 35, no. 3, pages 26, 28, 30, 32 and 35, Horizon House.		

Examiner Signature	Date Considered
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